A01-0030

National Environmental Achievement Track

Application Form

Beacon Skanska Construction Company
Name of facility

Skanska USA (U.S. Subsidiary of Skanska AB)
Name of parent company (if any)

270 Congress Street
Street address

Street address (continued)

Boston, MA 02210
City/State/Zip code

Give us information about your contact person for the National Environmental Achievement Track Program.

Name Jane Beaudry

Title Safety and Environmental Director

Phone 617-574-1422

Fax 617-574-1399

E-mail jbeaudry@beacon-skanska.com

JBB 12/5/00

Section A

Tell us about your facility.

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

1 What do you do or make at your facility?

Beacon Skanska is a construction management company working in New England with an approximate $1.8 billion back log of commercial, institutional, biotechnical, educational, and aviation construction work.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
15 and 42

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes ☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☐ Fewer than 50

☐ 50-99

☒ 100-499

☐ 500-1,000

☒ More than 1,000

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5 Does your facility have an EPA ID number(s)?

If yes, list in the right-hand column.

☐ Yes ☒ No

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right ***or*** enclose a completed Checklist with your application.

See Appendix G of our Corporate EMS attached, which outlines the federal, state, and local environmental regulations which pertain to the list of Significant Aspects that may apply to our construction activities.

Note that the scope of work and project logisitcs will dictate which Significant Aspects will be selected and managed for each project.

7 Check the appropriate box in the right-hand column.

☒ I've listed the requirements above.

☐ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

Recognizing that the Achievement Track is a facility based program, we consider our 'facility' to be an organization with decentralized operations. Beacon Skanska Construction Company received its ISO 14001 Certificate October 6, 1999, the scope of which describes "the EMS for all operations and construction sites for Beacon Skanska headquarterred in Boston, MA."

In addition to the initial certification audit, Beacon Skanska has successfully completed a 3rd party surveillance audit in June 2000, with no remarks or non conformances noted.

A copy of the ISO 14001 Certificate issued by KEMA-REGISTERED QUALITY, INC. is attached with this application.

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Section B

Tell us about your EMS.

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check ***yes*** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy ☒ Yes

b. Planning ☒ Yes

c. Implementation and operation ☒ Yes

d. Checking and corrective action ☒ Yes

e. Management review ☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes

3 Did this cycle include both an EMS and a compliance audit? ☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes

If yes, what method of EMS assessment did you use?

☒ Self-assessment

☐ GEMI ☒ Other

☐ CEMP

** Internal audit as defined/required by ISO 14001

☒ Third-party assessment

☒ ISO 14001 Certification

☐ Other

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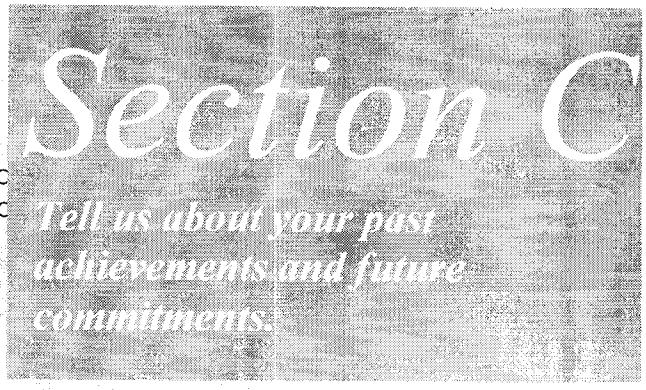

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This mec that you can describe past achievements and will mc future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Energy Conservation	362,608	Watts	211,135	Watts

i. How is the current level an improvement over the previous level?

In June 2000, in conjunction with Boston Edison, Rise Engineering conducted an Energy Efficiency Proposal for our home office, occupying the 6th and 7th floors of 270 Congress Street. These calculations estimate an annual savings of 37,861 kWh. All proposed energy and non-energy recommendations shall be implemented, at an estimated annual savings of $6,248.00.

ii. How did you achieve this improvement?

Recommended measures to be implemented include (signed contract commitment attached) :

1. Replacing incandescent and fluorescent exit signs with new LED signs
2. All fluorescent fixtures with magnetic ballasts will be upgraded with new T8 lamps and electronic ballasts
3. Incandescent HiHat fixtures will be retrofitted with fluorescent HiHat fixture kits.
4. In 7th floor hallway, incandescent fixtures will be replaced with new fluorescent fixtures.
5. Powergy Clean Power System will be installed to reduce kWh to sheild office equipment from power surges/spikes.

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Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Resource and Waste Management	< 1,000,000 tons/yr		556,343,294	tons of recycled/re-used materials in last 12 months

i. How is the current level an improvement over the previous level?

We did not know what (if anything) our vendors were doing with construction debris generated from our projects, we did not talk to vendors about reducing or reusing packaging materials, and we were not aware of the landfill crisis in this state or how it affected the cost of our operations.

ii. How did you achieve this improvement?

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All projects are evaluated for waste reduction opportunities. Waste haulers for project construction debris are evaluated for end use and waste separation/recycling strategies before bid award. All subcontractor personnel are aware of and participate in each project's recycling programs. The corporate office participates the building manager's recycling program and Beacon Skanksa sends aluminum/plastics drink containers, aluminum tabs, and computers and/or their proceeds to charities .

Specifically, the following materials were recycled or sent to post consumer use markets via the vendors we use since mid 1999:

OFFICE RECYCLING EFFORTS

Paper - 18 tons

Cardboard - 7.5 tons

Computers - 44 Computers and 42 color monitors

Analog phone systems - 4 were sold to a company who refurbishes them. A corporate commitment has been made to no longer buy NEW analog systems, but purchase them from the same vendor, who buys refurbishes them.

Aluminum cans - 2,138

SITE CONSTRUCTION and DEMOLITION DEBRIS

Asphalt - 1,134 tons

Concrete/CMU - 6,411 tons

Soils contaminated with hazardous materials - 1,956 tons

Scrap metal - 835 tons

Harvested Lumber or Chipped Wood - 221 tons

Mixed Waste - 21,501 tons

SPECIAL PROJECTS - New Patriots Stadium and Putnam Investments

(Atypical construction activities whose figures can NOT be committed to for future recycling efforts):

Concrete - 10,000 tons

Asphalt - 16,200 tons

* Rock ledge crushed and re-used on site - 218,035,000 tons
* Soils/loam re-used on site - 338,260,000 tons
* Re-using these materials on-site saves the depletion of natural resourses since new virgin materials do not have to be brought in, and since trucks weren't hauling in all of this material, air pollution was minimized and gasoline was saved.

2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us

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about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?

Air Emissions (from employee commuting)

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: Absolute value

☐ Option B: In terms of units of production or output

40 commuters participating in newly adopted Beacon T-Pass subsidy (employee reccomendation from ISO Committee)

(30 miles/day = 264,000 mi/yr)
(Quantity/Units)

462 lbs/yr of Hydrocarbon emmissions
3,300 lbs/yr f CO emmissions
198 lbs/yr of NO emmissions
264,000 lbs CO2
13,200 gal of gasoline
(Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: Absolute value

☐ Option B: In terms of units of production or output

10% increase/yr

(4 employees/yr)
(Quantity/Units)

Improve AQ by the following increment each year, by saving the following:
46 lbs hydrocarbons
330 lbs CO
20 lbs NO
26,400 lbs CO2
1,320 gal of gasoline

(Quantity/Units)

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e. How will you achieve this improvement?

1. During review of company benefits during new hire orientations, Human Resources Dept. rep will explain the benefit and encourage new employees to use maas transit whenever possible.

2. Market/encourage employee participation in the program in the company Safety and Environmental Dept. newsletter.

3. During ISO Awarenss training (mandatory for all employees), the negative aspects of pollution and ground level smog caused by vehicle emissions will continue to be emphasized (ozone impacts, health impacts, etc). This discussion is supported/tied into local annual statitics supplied by the DEP regarding the types and toxicity of pollutants, number of smog alert days, the downtime associated with being stuck in traffic, etc.

Second aspect you've selected

a. What is the aspect?

Resource and Waste Management

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: Absolute value — 32,058* tons/year (* = typical construction)

☐ Option B: In terms of units of production or output — (Quantity/Units)

(Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: Absolute value — 35,000 tons

☐ Option B: In terms of units of production or output — (Quantity/Units)

(Quantity/Units)

e. How will you achieve this improvement?

1. By continuing to educate and work with project teams and vendors to redirect waste streams away from strict disposal on all feasible projects by 2002. This has been considered an 'elective' significant aspect to date.

2. Continue participation on the C&D Subcommitee of the DEP Solid Waste Committee to identify challenges/roadblocks to source separation of C&D, and participate in identifying

solutions that would help contractors find more markets for construction debris.

3. Work with the Chelsea Center for Recycling and Economic Development, a program launched by the Commonwealth of Massachusetts and run through the University of Massachusetts, to identify and support alternative markets for construction generated waste.

4. Encourage and support ideas, programs, and initiatives generated by employee input from the Corporate ISO 14001 Committee.

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Third aspect you've selected

a. What is the aspect?

Sustainable Site Development and Design

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: Absolute value — 3 projects total (Quantity/Units)

☐ Option B: In terms of units of production or output — (Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: Absolute value — 10 projects total (Quantity/Units)

☐ Option B: In terms of units of production or output — (Quantity/Units)

e. How will you achieve this improvement?

We believe that the area of Sustainable Development has much opportunity for growth and incorporation into project designs, mainly because the level of awareness among clients about this long term environmental issue is lacking.

AREAS WHERE WE BELIEVE WE WILL BE ABLE TO INFLUENCE OWNER DESIGN DECISIONS FOR FUTURE CONSTRUCTION PROJECTS:

* Site Selection (examples might include saving trees, taking advantage of passive energy orientations, or perhaps Brownfields Selections)

* Energy Efficiency (examples might include suggestions regarding use of natural ventilation, heating and cooling, using heat recovery systems, or using renewable or alternative energy sources)

* Conserving Materials and Resources (examples might include the use of post consumer use products, rehab-ing vs. the demolition and new construction of a facility, utilizing a construction waste management plan, preferring/spec-ing local materials, etc.)

* Enhancing Indoor Environmental Quality (examples might include the evaluation of the location of air intakes, prohibiting smoking in all areas of the building, selecting materials, finishes, and cleaning products with low/no VOC's, installing building entrance-ways with systems to keep particulates from entering the building, etc)

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HOW WILL THIS BE ACCOMPLISHED:

1. First, we must increase the level of awareness and knowledge about sustainable issues among our employees who are in a position to influence owners and project proponents. We will do this via training from specialists outside of our organization, and participate and take advantage of educational opportunities offered by the USGBC (ex, LEEDs, etc.), of which we are a member.

2. Through normal corporate communication modes (newsletters, emails, memo's etc), increase the general awareness about sustainable development among our employees.

3. Summarize training and sustainable development materials to distribute/deliver to current and potential clients.

4. Ensure that our A/E partners in design-build ventures understand Beacon Skanska's commitment to the environment and incorporate sustainable features in building components proposed to owners.

HOW WILL THIS BE MEASURED/REPORTED:

* BSCC will provide to the EPA annually, or upon request, the status of this significant apsect in terms of measures and/or design considerations actually incorporated into projects as they are awarded and design development is finalized.

Fourth aspect you've selected

a. What is the aspect?

Energy Consumption

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A: Absolute value — 1 project to date (Quantity/Units)

☐ Option B: In terms of units of production or output — (Quantity/Units)

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d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:
Absolute value — 2 project/year (Quantity/Units)

☐ Option B:
In terms of units of production or output — (Quantity/Units)

e. How will you achieve this improvement?

This is currently an 'elective' significant aspect for project teams to consider. Beacon Skanska will commit to ensuring at least two projects/year will incorporate energy conservation into their environmental management systems, via:

a. Office programs (monitoring thermostats, potentially using programmable thermostats, ensuring office equipment is off every night, considering the installation of motion sensors for lighting, etc), or

b. Project programs (installing timers for building lighting where life/safety codes are not affected, separating lighting systems so only stair and hall lights are on at night, etc)

HOW WILL THIS BE MEASURED/REPORTED:

* BSCC will provide to the EPA annually, or upon request, the status of this significant apsect in terms of

1) Actual energy conservation initiatives implemented and,

2) Their corresponding energy savings data as the as-of-yet-unawarded/unidentified projects gather and report baseline readings/assumptions and then latter meter readings in accordance with our internal reporting requirements and auditing procedures. This also is in accordance with the ISO standard's requirement to measure and monitor for continual improvement.

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Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should hav appropriate mechanisms in place to identify communi concerns, to communicate with the public, and to pro information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

1 How do you identify and respond to community concerns?

1. Community concerns are typically communicated to us by the owner or project proponent.

2. When there are public hearings at a project's inception a BSCC representative will attend.

3. Our corporate Environmental Policy Statement (attached) is available to the public upon request, is posted on all projects and offices, and addresses communication with interested parties.

4. As required by ISO 14001, there is a section in our EMS titled "Procedure for Responding to Views of Interested External Parties" that must be implemted if a company representative is contacted about an environmental concern. In short, the Project Executive contacts the Safety and Environmental Director, and together with the Public Relations Manager the three parties develop and agree to the content and delivery mode of the response to said concern.

2 How do you inform community members of important matters that affect them?

1. Many times our owners or project proponents direct that all communiques related to a project be handled or addressed via their own public relations protocols.

2. Beacon Skanska shall report all environmental spills, release, or accidents as required by the applicable federal, state, or local authories.

2. Beacon Skanska, Skanska USA, and Skanska AB develop and distribute marketing materials, newspaper and industry journal articles, and annual reports to communicate the status and/or highlights of its environmental performance.

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3 How will you make the Achievement Track Annual Performance Report available to the public?

☒ Website www. (In development currently)

☒ Newspaper

☐ Open Houses

☒ Other

Marketing materials

4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	*Name*	*Phone number*
Representative of a Community/ Citizen Group	Conservation Commission of Foxboro, MA.	Bill Hocking, Chairman 18 year member of Foxboro Conservation Commission 35 year resident of Foxboro	508-543-5260
State/Local Regulator	Department of Environmental Protection, Bureau of Waste Prevention	Glenn Keith, Chief Waste Planning Branch	617-292-5500, x5874

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Other community/local reference	Associated General Contractors of Massachusetts	Robert Petrucelli, Executive Director	781-235-2680

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12/5/00

On behalf of Beacon Skanska Construction Company [my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date 9/27/00

Printed Name/Title Michael McNally, Chief Operating Officer

Facility Name Beacon Skanska Construction Company

Facility Street Address 270 Congress Street, Boston, MA 02210

Facility ID Numbers

BEACON
SKANSKA USA

TRANSMITTAL

Shipped via:
- ☐ First class mail
- ☒ Overnight courier
- ☐ Messenger

To:	The Performance Track Information Center
Company:	C/o Industrial Economics Incorporated
Address:	2067 Massachusetts Avenue, Cambridge, MA 02140
Date:	12/5/00
Project:	
Re:	Ammended Performance Track Application

Quantity	Drawing no.	Latest date	Description	Prepared by
1		12/5/00	Ammended Application per comments received by Martha Curran, Reg. 1, 12/4/00.	JBB

We are sending:
- ☒ Herewith
- ☐ Separate cover
- ☐ Plans
- ☐ Shop drawings
- ☐ Samples
- ☐ Specifications
- ☐ Brochures

These are transmitted:
- ☒ For approval
- ☐ For your information
- ☐ At your request
- ☐ For job use
- ☐ For estimate
- ☐ Approved
- ☐ Approved as noted
- ☐ Resubmission not required
- ☐ Resubmission required
- ☐ Disapproved-resubmit
- ☐ _____

Let me know if you have any questions - Jane Beaudry 617-574-1422

If enclosures are not as listed above, kindly notify us at once.

Signature Jane B. Beaudry

P.O. Box HM 840
Hamilton HM CX, Bermuda
Tel 441 295-1233
Fax 441 295-0473

BSCC/alm 022698

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
THE ADMINISTRATOR

Environmental Health and Safety Manager
Sordoni Construction Corporation
400 Interpace Pkwy # C
Parsippany, NJ 07054-1120

NOTE: Sordoni Skanska is a sister construction management company in Skanska USA.

Dear Environmental Health and Safety Manager:

Based on the information we have obtained, your facility has developed an Environmental Management System (EMS) based on ISO 14001–a noteworthy accomplishment. EPA has created a new program to recognize and reward facilities with strong EMSs and a commitment to continued compliance. The National Environmental Achievement Track offers recognition, access to useful networks, and eligibility for various regulatory program incentives to facilities that meet the entry criteria.

By taking the steps to implement an EMS, you have shown a commitment to sound environmental management and continued improvement in your environmental performance. This means that you are the type of facility that the Achievement Track program was designed to attract and recognize. I hope that you will consider participating.

The enclosed materials describe the Achievement Track program in more detail. Please contact Julie Spyres (at 202-260-6787 or spyres.julie@epa.gov) or Deborah Wallach (at 202-260-2793 or wallach.deborah@epa.gov) about joining the program or to answer questions. More information also is available on the Internet at www.epa.gov/performancetrack.

Sincerely,

Richard T. Farrell
Associate Administrator
Office of Policy, Economics, and Innovation

Enclosure

Beacon Skanska Environmental Policy Statement

BEACON

SKANSKA USA

Environmental Policy Statement

It is the policy of Beacon Skanska to be a leader in construction and at the same time protect employees, customers, and the environment by conducting operations with environmental sensitivity and competence. This policy is applicable to all Beacon projects and activities and is in line with the Skanska AB environmental policy which is incorporated here by reference. Beacon Skanska senior management has given effect to this policy by implementing an environmental management system that will be continually improved as a framework to achieve the following results:

Regulatory Compliance
We will identify, evaluate, and comply with all applicable federal, state and local environmental laws and regulations at each location where we conduct business.

Prevention of Pollution
We will seek, first to cost-effectively avoid the creation of pollution and waste from our projects and operations, and second, to manage remaining waste through safe and responsible methods.

Conservation
We will strive to diminish our consumption of natural resources through cost-effective use of recycled and reused materials and conservation of energy and water.

Emissions and Effluents
We will work to diminish our emissions and effluents by employing cost-effective operational controls, by selecting appropriate building materials, and by implementing corrective and preventative actions whenever necessary.

Ecology and Habitat
We will protect habitats, wetlands and other sensitive ecological resources in accordance with applicable regulations and local ordinances.

Communication
We will communicate this policy to all employees and make it available to the public, and establish procedures to receive and respond to inquiries from external interested parties. We will also alert potentially affected individuals and authorities of any environmental incidents in a timely and effective manner.

Senior management at Beacon Skanska believe that how we care for the environment today affects both current and future generations. We accept responsibility for doing our best, to maintain awareness, and to minimize adverse environmental impacts from operations. This is beneficial for both the environment in which we, our families and our neighbors live and for generating new opportunities for our business.

BEACON
SKANSKA USA

ISO 14001 Certificate

BEACON

SKANSKA USA

KEMA

AFFILIATED WITH N.V. KEMA IN THE NETHERLANDS
A MEMBER OF THE EUROPEAN NETWORK FOR QUALITY SYSTEM ASSESSMENT AND CERTIFICATION "EQNET"

CERTIFICATE

Number: 41130.05

The environmental management system of:

BEACON SKANSKA CONSTRUCTION CO.

including its implementation, meets the requirements of the standard:

ISO 14001:1996

Scope:
The Environmental Management System for all operations and construction sites for Beacon Skanska Headquartered in Boston, Massachusetts.

Reports that form the basis of this certificate:
41130.01.PE01, up to and including 41130.01.CR02

This certificate is valid until: October 6, 2002
Issued for the first time: October 6, 1999

H. Pierre Sallé
President
KEMA-Registered Quality, Inc.

The method of operation for environmental management system certification is defined in the KRQ Regulations for Quality and Environmental Management System Certifications. Integral publication of this certificate and adjoining reports is allowed.

KEMA-REGISTERED QUALITY, INC.
4379 County Line Road
Chalfont, PA 18914
Phone: (215) 822-4258 Fax: (215) 822-4285

ACCREDITED BY:
The Registrar Accreditation Board (RAB)

ANSI-RAB EMS ACCREDITED

Appendix G - Regulatory Summary

BEACON

SKANSKA USA

APPENDIX G
Regulatory Summary

Federal Regulations

BSCC Significant Aspects	Contact Agency	Regulatory Criteria	Guidance
CONSTRUCTION OPERATIONS			
SOIL EROSION/WETLANDS Stormwater Management Dewatering Discharge General Earthwork Equipment Washing Blasting Activity Isolated & Bordering Vegetated Wetlands/ ACEC	EPA Office of Water Resources, Corps of Engineers, Natural Resource Conservation Service, Soil Conservation Service	Clean Water Act (33 USC 1341) Water Quality Certification (33 USC 1341, s. 401) Filling and Dredging (33 USC 1341, s. 404)	Stormwater Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices (EPA-832-R-92-005)
MARINE OPERATIONS Navigable Waters Coastal Wetlands Fisheries	EPA Office of Water Resources, Corps of Engineers, Federal Energy Regulatory Commission, Natural Resource Conservation Service, US Fish and Wildlife Service, US Geological Survey (U.S.G.S.)	Clean Water Act (33 USC 1341) Water Quality Certification (33 USC 1341, s. 401) Filling and Dredging (33 USC 1341, s. 404) Rivers and Harbors Act	
WATER USAGE/ CONSERVATION	EPA Office of Water Resources	Safe Drinking Water Act Clean Water Act (33 USC 1341)	Numerous EPA Publications
MACHINERY & EQUIPMENT/ ONSITE FUEL DELIVERY/ STORAGE Maintenance Spill Minimization	EPA, Occupational Safety and Health Administration (OSHA), National Fire Protection Association (NFPA)	Resource Conservation and Recovery Act (RCRA) (EPA CFR 260-265) Comprehensive Environmental Compensation and Liability Act (CERCLA) (EPA 40 CFR 302) Occupational Safety and Health Act (OSHA) (OSHA 29 CFR 1910 and 1926)	Numerous EPA Publications

- Specified requirements are identified in the template EMPs
- Local requirements are defined in construction permits
- For more assistance, contact the Environmental Coordinator.

APPENDIX G
Regulatory Summary

Federal Regulations

BSCC Significant Aspects	Contact Agency	Regulatory Criteria	Guidance
HAZARDOUS MATERIALS Use Storage and Disposal General Demolition Asbestos Lead Tanks Concrete Contaminated Sites Polychlorinated Bi-Phenyls (PCBs) Chlorofluorocarbons(CFCs) Spill Response and Reporting Disposal/Transportation Health and Safety Risks Septic or Sewer Leaks	EPA, OSHA, US Department of Health and Human Services Department of Transportation (DOT)	Resource Conservation and Recovery Act (RCRA) (EPA 40 CFR 260-265) Comprehensive Environmental Compensation and Liability Act (CERCLA) (EPA 40 CFR 302) Superfund Amendments and Reauthorization Act (SARA) (EPA 40 CFR 300-372) Asbestos Regulations (AHERA) (EPA 40 CFR 763) Toxic Substance and Control Act (TSCA) (EPA 40 CFR 700 through 799) Occupational Safety and Health Act (OSHA) (OSHA 29 CFR 1910 and 1926) Hazardous Material Transportation Act (HMTA) (DOT 49 CFR 172) Clean Water Act (33 USC 1341)	NIOSH Pocket Guide to Chemical Hazards, DOT Emergency Response Guidebook, Numerous EPA Publications
SUSTAINABLE DEVELOPMENT	N/A	N/A	Guiding Principles of Sustainable Design (DOI) U.S. Green Building Council
ENDANGERED SPECIES	US Fish and Wildlife Service	Clean Water Act (33 USC 1341) Water Quality Certification (33 USC 1341, s. 401) Filling and Dredging (33 USC 1341, s. 404)	

- Specified requirements are identified in the template EMPs
- Local requirements are defined in construction permits
- For more assistance, contact the Environmental Coordinator.

APPENDIX G
Regulatory Summary

Federal Regulations

BSCC Significant Aspects	Contact Agency	Regulatory Criteria	Guidance
AIR QUALITY Dust Equipment Emissions Traffic Control	EPA, OSHA, Housing and Urban Development (HUD), DOT	Clean Air Act of 1990 and 1997 Amendment (42 USC 7401-7671q) Clean Air Act National Ambient Air Quality Standards(40 CFR 50) Clean Air Act New Source Performance Standards (40 CFR 60)	EPA Air Guidance Documents
RESOURCE/ WASTE MANAGEMENT Toxic Use Reduction Act Solid Waste Recycling Hazardous Waste Recycling	EPA	Resource Conservation and Recovery Act (EPA CFR 260-265)	
RESOURCE CONSERVATION Water Use Energy Use	U.S. Department of Energy, North American Electric Reliability Council, Natural Resource Conservation Service		
NOISE	OSHA	Noise Regulations (29 CFR 1910.95)	
CULTURAL RESOURCES/ HISTORIC PRESERVATION	Federal Advisory Council on Historic Preservation (ACHP)	National Historic Preservation Act ("Section 106") Related Federal Regulations	

- Specified requirements are identified in the template EMPs
- Local requirements are defined in construction permits
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APPENDIX G
Regulatory Summary

Local Regulations

BSCC Significant Aspects	Contact Agency	Regulatory Criteria	Guidance
HAZARDOUS MATERIALS Use Storage and Disposal General Demolition Asbestos Lead Tanks Concrete Contaminated Sites Polychlorinated Bi-Phenyls (PCBs) Chlorofluorocarbons (CFCs) Spill Response and Reporting Disposal/Transportation Health and Safety Risks Septic and Sewer Leaks	Boards/Departments of Health, Fire Departments Disposal Facilities	Local Bylaws Landfill Permits	Varies
SUSTAINABLE DEVELOPMENT	N/A	N/A	N/A
ENDANGERED SPECIES	Conservation Commission/Agency	Local Bylaws	Varies

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APPENDIX G
Regulatory Summary

Local Regulations

BSCC Significant Aspects	Contact Agency	Regulatory Criteria	Guidance
AIR QUALITY Dust Equipment Emissions Traffic Control	Boards/Departments of Health	Local Bylaws	Varies
RESOURCE/ WASTE MANAGEMENT Toxic Use Reduction Act Solid Waste Recycling Hazardous Waste Recycling	Department of Public Works, Boards/Departments of Health	Local Bylaws	Varies
RESOURCE CONSERVATION Water Use Energy Use	Department of Public Works, Boards/Departments of Health, Local Solid Waste Committees, Water Departments	Local Bylaws	Varies
NOISE	OSHA	Noise Regulations (29 CFR 1910.95)	
CULTURAL RESOURCES/ HISTORIC PRESERVATION	Historical Commissions	Local Bylaws	Varies
CORPORATE/FIELD OFFICES			
CORPORATE OFFICE DEVELOPMENT Resource Conservation Water Use Recycling Energy Use	N/A	N/A	N/A

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